

## SEQUENCE LISTING

<110> Genentech, Inc.

<120> COMPOSITIONS WITH HEMATOPOIETIC AND IMMUNE ACTIVITY

<130> 11669.162WOU1

<140> New Filing

<141> 2004-03-12

<150> US 60/454,462

<151> 2003-03-12

<150> US 60/511,390

<151> 2003-10-14

<160> 40

<170> PatentIn version 3.1

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<213> Homo sapiens

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Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Lys Leu  
 50 55 60

Gly Asp Ser Cys His Pro Leu Thr Arg Lys Asn Asn Phe Gly Asn Gly  
 65 70 75 80

Arg Gln Glu Arg Arg Lys Arg Lys Arg Ser Lys Arg Lys Lys Glu Val  
 85 90 95

Pro Phe Phe Gly Arg Arg Met His His Thr Cys Pro Cys Leu Pro Gly  
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Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Lys Leu  
 50 55 60

Gly Asp Ser Cys His Pro Leu Thr Arg Lys Val Pro Phe Phe Gly Arg  
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Arg Met His His Thr Cys Pro Cys Leu Pro Gly Leu Ala Cys Leu Arg  
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Thr Ser Phe Asn Arg Phe Ile Cys Leu Ala Gln Lys  
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&lt;211&gt; 1338

&lt;212&gt; DNA

&lt;213&gt; Mus musculus

&lt;400&gt; 5

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 <213> Mus musculus

<400> 6

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 35 40 45

Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Gln Val Gly  
 50 55 60

Asp Ser Cys His Pro Leu Thr Arg Lys Val Pro Phe Trp Gly Arg Arg  
 65 70 75 80

Met His His Thr Cys Pro Cys Leu Pro Gly Leu Ala Cys Leu Arg Thr  
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Ser Phe Asn Arg Phe Ile Cys Leu Ala Arg Lys  
 100 105

<210> 7

<211> 1415  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> cDNA encoding human native EG-VEGF

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&lt;213&gt; Homo sapiens

&lt;400&gt; 8

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Gly Ala Gly Thr Cys Cys Ala Ile Ser Leu Trp Leu Arg Gly Leu Arg  
 35 40 45

Met Cys Thr Pro Leu Gly Arg Glu Gly Glu Glu Cys His Pro Gly Ser  
 50 55 60

His Lys Val Pro Phe Phe Arg Lys Arg Lys His His Thr Cys Pro Cys  
 65 70 75 80

Leu Pro Asn Leu Leu Cys Ser Arg Phe Pro Asp Gly Arg Tyr Arg Cys  
 85 90 95

Ser Met Asp Leu Lys Asn Ile Asn Phe  
 100 105

&lt;210&gt; 9

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; cDNA encoding native mouse EG-VEGF

&lt;400&gt; 9

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<210> 10  
 <211> 105  
 <212> PRT  
 <213> Mus musculus

<400> 10

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Gly Ala Gly Thr Cys Cys Ala Ile Ser Leu Trp Leu Arg Gly Leu Arg  
 35 40 45

Leu Cys Thr Pro Leu Gly Arg Glu Gly Glu Glu Cys His Pro Gly Ser  
 50 55 60

His Lys Ile Pro Phe Leu Arg Lys Arg Gln His His Thr Cys Pro Cys  
 65 70 75 80

Ser Pro Ser Leu Leu Cys Ser Arg Phe Pro Asp Gly Arg Tyr Arg Cys  
 85 90 95

Phe Arg Asp Leu Lys Asn Ala Asn Phe  
 100 105

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&lt;213&gt; Artificial Sequence

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&lt;223&gt; Probe

&lt;400&gt; 13

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28

&lt;210&gt; 14

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR primer

&lt;400&gt; 14

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18

&lt;210&gt; 15

&lt;211&gt; 19

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&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR primer

&lt;400&gt; 15

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19

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&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Probe

&lt;400&gt; 16

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&lt;210&gt; 17

&lt;211&gt; 17

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence



&lt;220&gt;

&lt;223&gt; PCR primer

&lt;400&gt; 17

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17

&lt;210&gt; 18

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR primer

&lt;400&gt; 18

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&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Probe

&lt;400&gt; 19

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&lt;212&gt; DNA

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&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR primer

&lt;400&gt; 21

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&lt;213&gt; Artificial Sequence

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&lt;223&gt; Probe

&lt;400&gt; 22

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&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

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&lt;223&gt; PCR primer

&lt;400&gt; 23

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&lt;210&gt; 24

&lt;211&gt; 25

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; PCR primer

&lt;400&gt; 24

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&lt;220&gt;

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&lt;223&gt; PCR primer

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&lt;213&gt; Artificial Sequence

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&lt;213&gt; Artificial Sequence

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&lt;223&gt; Probe

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&lt;223&gt; PCR primer

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&lt;213&gt; Artificial Sequence

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&lt;223&gt; Probe

&lt;400&gt; 40

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26